



TABLE 1

GenBank Accession#	DLPFC-MDD Gene Description	OMIM	Chromosome Location
NM1964	Early growth response protein 1 (EGR1)	<u>EGR1</u>	5q31.1
NM599	human Insulin-like growth factor binding protein 5 (IGFBP5)	<u>IGFBP5</u>	2q33-34
M87771	Fibroblast growth factor receptor k-sam, splice 3 (k-sam-III)	<u>k-sam-III</u>	10q26
Z24725	H sapiens Mitogen-inducible gene (mig-2)	<u>mig-2</u>	14q22.1
M64347	human Novel growth factor receptor (FGFR3)	<u>FGFR3</u>	4p16.3
M80634	human Keratinocyte growth factor receptor (FGFR2) (SEQ ID NO:1)	<u>FGFR2</u>	10q26
Z14228	Nuclear mitotic apparatus protein 1, Alt. Splice Form 2 (NuMA Clone U4)	<u>NUMA U4</u>	11q13
X67951	human Proliferation-associated gene (PAGA)	<u>PAGA</u>	1p34.1
DLPFC-MDD Gene Description			
AF036268	SH3-domain GRB2-like 2	OMIM - SH3 DOMAIN, GRB2-LIKE, 2; SH3GL2	
AF060877	regulator of G-protein signalling 20	OMIM - REGULATOR OF G PROTEIN SIGNALING 20; RGS20	
AL049538	ras association (RalGDS/AF-6) domain containing protein JC265	OMIM - RAL GUANINE NUCLEOTIDE DISSOCIATION STIMULATOR; RALGDS	
D14838	fibroblast growth factor 9 (glia-activating factor)	OMIM - FIBROBLAST GROWTH FACTOR 9; FGF9	
D26070	inositol 1,4,5-triphosphate receptor, type 1	OMIM - INOSITOL 1,4,5-TRIPHOSPHATE RECEPTOR, TYPE 1; ITPR1	
J02902	protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), alpha isoform	OMIM - PROTEIN PHOSPHATASE 2, STRUCTURAL/REGULATORY SUBUNIT ALPHA; PPP2R1A	
J04513	fibroblast growth factor 2 (basic)	OMIM - FIBROBLAST GROWTH FACTOR 2; FGF2	
L05624	mitogen-activated protein kinase kinase 1	OMIM - MITOGEN-ACTIVATED PROTEIN KINASE KINASE 1; MAP2K1	
M64788	RAP1, GTPase activating protein 1	OMIM - RAP1, GTPase-ACTIVATING PROTEIN 1; RAP1GA1	

M87771	fibroblast growth factor receptor 2 (bacteria-expressed kinase, keratinocyte growth factor receptor, craniofacial dysostosis 1, Crouzon syndrome, Pfeiffer syndrome, Jackson-Weiss syndrome)	<u>OMIM - FIBROBLAST GROWTH FACTOR RECEPTOR 2; FGFR2</u>
M96995	growth factor receptor-bound protein 2	<u>OMIM - GROWTH FACTOR RECEPTOR-BOUND PROTEIN 2; GRB2</u>
U09759	mitogen-activated protein kinase 9	<u>OMIM - MITOGEN-ACTIVATED PROTEIN KINASE 9; MAPK9</u>
U24152	p21/Cdc42/Rac1-activated kinase 1 (STE20 homolog, yeast)	<u>OMIM - p21/CDC42/RAC1-ACTIVATED KINASE 1; PAK1</u>
U49857	transcriptional activator of the c-fos promoter	
W28432	Cluster Incl. W28432:47f2 Homo sapiens cDNA /gb=W28432 /gi=1308443 /ug=Hs.92030 /len=921	<u>OMIM - NEUROTROPHIC TYROSINE KINASE, RECEPTOR, TYPE 2; NTRK2</u>
X07109	protein kinase C, beta 1	<u>OMIM - PROTEIN KINASE C, BETA-1; PRKCB1</u>
X54938	inositol 1,4,5-trisphosphate 3-kinase A	<u>OMIM - INOSITOL 1,4,5-TRISPHOSPHATE 3-KINASE A; ITPKA</u>
Z71929	fibroblast growth factor receptor 2 (bacteria-expressed kinase, keratinocyte growth factor receptor, craniofacial dysostosis 1, Crouzon syndrome, Pfeiffer syndrome, Jackson-Weiss syndrome)	<u>OMIM - FIBROBLAST GROWTH FACTOR RECEPTOR 2; FGFR2</u>

GenBank Accession #	Antcgp BP Description	Symbol
NM_004794	RAB33A, member RAS oncogene family	RAB33A
NM_002844	protein tyrosine phosphatase, receptor type, K	PTPRK
M14752	M14752 HUMABLA Human c-abl gene [GenBank==M14752]	ABL1
NM_005252	v-fos FBJ murine osteosarcoma viral oncogene homolog	FOS
NM_002229	jun B proto-oncogene	JUNB
NM_014813	KIAA0806 gene product	KIAA0806
AB007943	AB007943:Homo sapiens mRNA for KIAA0474 protein [GenBank==AB007943]	RAP1GA1
NM_004067	chimerin (chimaerin) 2	CHN2

NM_003676	degenerative spermatocyte homolog, lipid desaturase (Drosophila)	DEGS
NM_000830	glutamate receptor, ionotropic, kainate 1	GRIK1
NM_002487	necdin homolog (mouse)	NDN
NM_002921	retinal G protein coupled receptor	RGR
NM_001390	dystrobrevin, alpha	DTNA
NM_006000	tubulin, alpha 1 (testis specific)	TUBA1
NM_001634	S-adenosylmethionine decarboxylase 1	AMD1
NM_006931	solute carrier family 2 (facilitated glucose transporter), member 3	SLC2A3
NM_003832	phosphoserine phosphatase-like	PSPHL
NM_005010	neuronal cell adhesion molecule	NRCAM
NM_002073	guanine nucleotide binding protein (G protein), alpha z polypeptide	GNAZ
L24123	L24123:Homo sapiens NRF1 protein (NRF1) mRNA /cds=UNKNOWN /gb=L24123 /gi=438646 /ug=Hs.83469 /len=4992 GenBank==L24123	NFE2L1
NM_000810	gamma-aminobutyric acid (GABA) A receptor, alpha 5	GABRA5
NM_005398	protein phosphatase 1, regulatory (inhibitory) subunit 3C	PPP1R3C
AI526089	AI526089:DU3.2-7.H07.r Homo sapiens cDNA GenBank==AI526089	COX5B
NM_000840	glutamate receptor, metabotropic 3	GRM3
NM_012249	ras-like protein TC10	TC10
NM_004791	integrin, beta-like 1 (with EGF-like repeat domains)	ITGBL1
NM_000615	neural cell adhesion molecule 1	NCAM1
NM_003916	adaptor-related protein complex 1, sigma 2 subunit	AP1S2
NM_001406	ephrin-B3	EFNB3
NM_001718	bone morphogenetic protein 6	BMP6
X66358	X66358 cds#2 HSSTHPKB H.sapiens mRNA KIAALRE for serine/threonine protein kinase GenBank==X66358	CDKL1

DLPC-BP

D00654	actin, gamma 2, smooth muscle, enteric	ACTG2
U19599	U19599 HSU19599 Human (BAX delta) m RNA [GenBank==U19599	BAX
NM_006908	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	RAC1
NM_002374	microtubule-associated protein 2	MAP2
AJ001612	phosphoserine phosphatase-like	PSPHL
NM_000293	phosphorylase kinase, beta	PHKB
NM_020217	hypothetical protein DKFZp547I014	DKFZp547I014
NM_004379	cAMP responsive element binding protein 1	CREB1
NM_032041	neurocalcin delta	NCALD
NM_015716	Misshappen/NIK-related kinase	MINK
AF059274	Homo sapiens cDNA FLJ37320 fis, clone BRAMY2018106	CSPG5
NM_006158	neurofilament, light polypeptide 68kDa	NEFL
NM_002730	protein kinase, cAMP-dependent, catalytic , alpha	PRKACA
NM_003885	cyclin-dependent kinase 5, regulatory subunit 1 (p35)	CDK5R1
NM_003020	Secretory granule, neuroendocrine protein 1 (SGNE1)(7B2 protein) located at chromosome band 15q13	